## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe we are original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled VARIABLE STIFFNESS COIL FOR VASOOCCLUSIVE DEVICES, the specification of which (check one)

\_\_\_\_\_ is attached hereto
\_\_\_\_\_ was filed on
Application Serial No.
and was amended on (or amended through) \_\_\_\_\_\_ (if applicable)

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

We hereby-claim foreign priority benefits under Title 35, United States Code, Sec. 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

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Prior Foreign	1 Application	Priority Claimed		
NONE Number	Country	 Day/Month/Year filed	Yes No	

We hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

NONE	·	 		
Appln. Serial No.	Filing Date	Status	<del></del>	
		(patented, pe	nding, a	abandoned)

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

RICHARD A. BARDIN, Reg. No. 20,365, CRAIG B. BAILEY, Reg. No. 28,786, RICHARD B. CATES, Reg. No. 36,100, I. MORLEY DRUCKER, Reg. No. 19,751; PAUL Y. FENG, Reg. No.35,510; JOHN K. FITZGERALD, Reg. No. 38,881, JOHN V. HANLEY, Reg. No. 38,171; JAMES JUO, Reg. No. 36,177; GILBERT G. KOVELMAN, Reg. No. 19,552, PAMELA G. MAHER, Reg. No. 40,712; THOMAS H. MAJCHER, Reg. No. 31,119, JOHN S. NAGY, Reg. No. 30,664, DAVID G. PARKHURST, Reg. No. 29,422, JAMES W. PAUL, Reg. No. 29,967, RONALD E. PEREZ, Reg. No. 36,891; ELLSWORTH R. ROSTON, Reg. No. 16,310; THOMAS A. RUNK, Reg. No. 30,679; DAVID S. SARISKY, Reg. No. 41,288; and HOWARD N. SOMMERS, Reg. No. 24,138.

Direct all telephone calls to James W. Paul, Esq., at telephone No. (310) 824-5555.

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FULWIDER PATTON LEE & UTECHT, LLP
10877 Wilshire Boulevard
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Los Angeles, California 90024

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Inventor's signature:	Ha Tun				
Date: DCZ 10 , 1998					
Residence:	San Francisco, California				
Citizenship:	U.S.A.				
Post Office Address:	848 38th Avenue				
	San Francisco, CA 94121				
Full name of second i	nventor: DANIEL R. KURZ				
Inventor's signature:	Dail Day				
Date: 12/10	, 1998				
Residence:	Sunnyvale, California				
Citizenship:	U.S.A.				
Post Office Address:	341 S. Bernard Avenue				
123202 1	Sunnyvale, California 94086				

APRIL 12, 1999

PTAS

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UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER

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Micru-49654

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UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT APR 21 1999

FULWIDER PATTOM LET 6.1.

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/15/1998

REEL/FRAME: 9681/0443

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FERRERA, DAVID A.

DOC DATE: 12/10/1998

ASSIGNOR:

KURZ, DANIEL R.

DOC DATE: 12/10/1998

ASSIGNEE:

MICRUS CORPORATION 495 CLYDE AVENUE MOUNTAIN VIEW, CALIFORNIA 94043

SERIAL NUMBER: 09211783

PATENT NUMBER:

FILING DATE: 12/15/1998

ISSUE DATE:

ALLYSON PURNELL, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

FORM PTO 1595				
•	U.S. DEPARTMENT OF COMMERCE  2-1999 EET Patent and Trademark Office			
	Docket # MICRU:49656			
	i i			
To the Honorable Commissioner of Patents ar. 1009	od original documents or copy thereof.			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
DAVID A. FERRERA DANIEL R. KURZ	Name: MICRUS CORPORATION			
Additional name(s) of conveying party(ies) attached?	Street Address: 495 Clyde Avenue,			
3. Nature of Conveyance:				
X Assignment	City Mountain View State California 94043  Additional name(s) & address(es) attached? Yes X No			
Execution Date: <u>DECEMBER 10, 1998</u>				
Application number(s) or registration numbers(s):     If this document is being filed together with a new application.	on, the execution date of the appln. is: <u>DECEMBER 10, 1998</u>			
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers attac	hed? Yes X No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total No. of applications and patents involved 1			
Name: FULWIDER PATTON LEE & UTECHT, LLP				
Internal Address: <u>ATTN: JAMES W. PAUL, ESQ.</u>	7. Total fee (37 CFR 3.41):			
Street Address: 10877 WILSHIRE BLVD., 10TH FLOOR	X Authorized to be charged to deposit account			
City: LOS ANGELES State: CA ZIP 90024	X Any deficiencies in enclosed fees			
	8. Deposit account number: 06-2425			
	(Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE				
9. Statement and signature.	·			
To the best of my knowledge and belief, the foregoing information is type an	d correct and any attached copy is a true copy of the original document.			
David G. Parkhurst - Reg. # 29,422 David A Farkhurst December 15, 1988				
Name of Person Signing	Total number of pages including cover sheet: 5			
OMB No. 0651-0011 (exp. 4/94)				
Do not deta  Mail documents to be recorded with required cover sheet info  731/1990 DELOYD 00000064 09211783	ach this portion rmation to:			
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document and gathering the date needed, and completing and reviewing the sa and Trademark Office, Office of Information Systems, PK2-1000C, Washingto	about 30 minutes per document to be recorded, including time for reviewing the mple cover sitest. Send comments regarding this burden estimate to the U.S. Patent n, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction			

## **ASSIGNMENT**

This Assignment made by DAVID A. FERRERA of San Francisco, California, and DANIEL R. KURZ of Sunnyvale, California, Assignors, to MICRUS CORPORATION, a Delaware corporation, Assignee, having a place of business at 495 Clyde Avenue, Mountain View, California 94043.

WHEREAS, Assignors have invented a new and useful VARIABLE STIFFNESS
COIL FOR VASOOCCLUSIVE DEVICES for which an application for United States
Letters Patent has been executed by them this day; and

WHEREAS, Assignors believe themselves to be the original, first and joint inventors of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, Assignee desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United States and throughout the world.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to said invention, said application and any Letters Patent that may

be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to said invention, said application and any Letters Patent granted for said invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment on the dates written hereinbelow.

Assignors:	10 0 0
Dated: 12/10/98	In Luca
	David A. Ferrera
Dated: 12/10/93	Day Jany
	Daniel R. Kurz

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT OPTIONAL SECTION CAPACITY CLAIMED BY SIGNER Though statute does not require the Notary to fill in the date below, doing so may prove invaluable to persons relying on the document. JINDIVIDUAL CORPORATE OFFICER(S) personally appeared DAVIII A. personally known to me -OR- proved to me on the basis of satisfactory TITLE(S) evidence to be the person(s) whose names(s) PARTNER(S) LIMITED is/are subscribed to the within instrument and GENERAL acknowledged to me that he/she/they executed the same in his/her/ their authorized capacity(ies), and that by his/her/their JATTORNEY-IN-FACT signature(s) on the instrument is the person(s), or TRUSTEE(S) the entity upon behalf of which the person(s) GUARDIAN/CONSERVATOR acted, executed the instrument. WITNESS my hand and official seal. SIGNER IS REPRESENTING: NAME OF PERSON(S) OR ENTITY (IES) **OPTIONAL SECTION** THIS CERTIFICATE MUST BE ATTACHED TO TITLE OR TYPE OF DOCUMENT\_ THE DOCUMENT DESCRIBED AT RIGHT: NUMBER OF PAGES \_\_ \_\_\_ DATE OF DOCUMENT SIGNER(S) OTHER THAN NAMED ABOVE